

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	Determining the Number of Unidirectional and Bidirectional Motion Compensated Frames to be Encoded for a Video Sequence and Detecting Scene Cuts in the Video Sequence
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Application Number : 10/658938



Confirmation Number: 3099

First Named Applicant: Barin Haskell

Attorney Docket Number: APLE.P0057

Art Unit:

Examiner: Gims S Philippe

Search string: ( 5592226 or 6307886 or 6611558 or 20020037051 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
SP	1	5592226	1997-01-07	Bradley Dickinson			
EP	2	6307886	2001-10-23	Edward Westermann			
YD	3	6611558	2003-08-26	Yutaka Yokoyama			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
SP	1	20020037051	2002-03-28	Yuuji Takenaka			

Signature

1/18/07

Examiner Name	Date
Gims PHILIPPE	

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<b>Title of Invention</b>	Determining the Number of Unidirectional and Bidirectional Motion Compensated Frames to be Encoded for a Video Sequence and Detecting Scene Cuts in the Video Sequence
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Application Number : 10/658938  
Confirmation Number: 3099  
First Named Applicant: Barin Haskell  
Attorney Docket Number: APLE.P0057  
Art Unit: 2613  
Examiner: Gims S. Philippe  
Search string: ( 5774593 or 20020146071 ).pn



## US Patent Documents

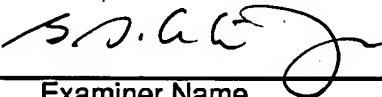
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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
SP	1	5774593	1998-06-30	Gregory L Zick			

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
SP	1	20020146071	2002-10-10	Liu-Ming Chang			

Signature 

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Gims S. PHILIPPE	1/18/01

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GP	1	20020146071	2002-10-10	Liu-Ming Chang			

**Signature**

Examiner Name	Date
/Gims Philippe/	01/13/2007

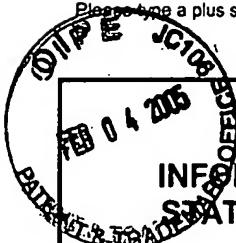
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/658,938
				Filing Date	9/9/2003
				First Named Inventor	Barin G. Haskell
				Group Art Unit	2613
				Examiner Name	Gims S. Philippe
Sheet	1	of	1	Attorney Docket Number	APLE.P0057

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GP	1.	International Search Report		01-07-2002		

FOREIGN PATENT DOCUMENTS								
Examiner* Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>		Kind Code (if known) <sup>5</sup>	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T-8
GP	2.	GB	2263602	A	07-28-1993	Sony UK LTD; Sony Broadcast & Communication		

NON PATENT LITERATURE DOCUMENTS							
Examiner* Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T-8
GP	3.	LIU-H-C et al: "Scene Decomposition of MPEG Compressed Video" Proceedings of the Spie, Spie Bellingham, VA, US, vol. 2419, 7 February 1995 (1995-02-07), pages 26-37, XP000671108 ISSN: 0277-786X the whole document.					

Examiner Signature	/Gims Philippe/	Date Considered	01/13/2007
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				Application Number	10/658,938
				Filing Date	09-09-2003
				First Named Inventor	Barin G. Haskell, et al.
				Group Art Unit	2621
				Examiner Name	Philippe, Gims S.
Sheet	1	of	1	Attorney Docket Number	APLE.P0057 (3142US1)

<b>FOREIGN FILING DOCUMENTS</b>					
Examiner* Initials	Cite No. <sup>1</sup>	Name of Foreign Filing Document	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GP	1.	Written Opinion of the International Searching Authority	01-10-2005		

Examiner Signature	/Gims Philippe/	Date Considered	01/13/2007
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

5

## Complete If Known

Application Number	10/658,938
Filing Date	09-09-2003
First Named Inventor	Barin Haskell
Group Art Unit	2613
Examiner Name	Philippe, Gims S.
Attorney Docket Number	APLE.P0057

## U.S. PATENT DOCUMENTS

Examiner <sup>a</sup> Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GP	1.	6,611,558	B1	08-26-2003	Yokoyama	
	2.	5,592,226	A	01-07-1997	Dickinson	
	3.	6,307,886	B1	10-23-2001	Westermann	
	4.	5,774,593	A	06-30-1998	Zick	
	5.	6,480,540	B1	11-12-2002	Guill	
	6.	5,565,920	A	10-15-1996	Lee	
	7.	6,618,507	B1	09-09-2003	Divakaran	
	8.	6,778,708	B1	08-17-2004	Divakaran	
	9.	2002/037051	A1	03-28-2002	Takenaka	
↓	10.	2002/146071	A1	10-10-2002	Liu	
GP	11.	2002/150160	A1	10-17-2002	Liu	
GP	12.	2002/150162	A1	10-17-2002	Liu	

## FOREIGN PATENT DOCUMENTS

Examiner <sup>a</sup> Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup>		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>b</sup>
GP	13.	EP	0987903	A1	03-22-2000	Thomson Multimedia SA	
GP	14.	GB	2263602	A	07-28-1993	Sony United Kingdom Limited	
GP	15.	EP	1022667	A2	07-26-2000	Mitsubishi Electric Corp.	

Examiner Signature	/Gims Philippe/	Date Considered	01/13/2007
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					Filing Date	09-09-2003
					First Named Inventor	Barin Haskell
					Group Art Unit	2613
					Examiner Name	Philippe, Gims S.
Sheet	2	of	5	Attorney Docket Number	APLE.P0057	

FOREIGN PATENT DOCUMENTS						
GP	16.	EP	1005229	A2	05-31-2000	Hewlett Packard Co.
	17.	WO	2004/036920	A1	04-29-2004	Konin-Klijke Philips Electronics N.V.
	18.	FR	2783388	A1	03-17-2000	Thomson Multimedia SA
	19.	BR	9904108	A	09-05-2000	Thomson Multimedia SA
	20.	CN	1248864	A	03-29-2000	Thomson Multimedia SA
	21.	ID	23263	A	04-05-2000	Thomson Multimedia SA
	22.	JP	2000102021	A	04-07-2000	Thomson Multimedia SA
↓	23.	KR	2000023133	A	04-25-2000	Thomson Multimedia SA
GP	24.	PL	335413	A1	03-27-2000	Thomson Multimedia SA

Examiner Signature	/Gims Philippe/	Date Considered	01/13/2007
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Sheet <b>3</b> of <b>5</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td colspan="3">10/658,938</td> </tr> <tr> <td>Filing Date</td> <td colspan="3">09-09-2003</td> </tr> <tr> <td>First Named Inventor</td> <td colspan="3">Barin Haskell</td> </tr> <tr> <td>Group Art Unit</td> <td colspan="3">2613</td> </tr> <tr> <td>Examiner Name</td> <td colspan="3">Philippe, Gims S.</td> </tr> </table>				Application Number	10/658,938			Filing Date	09-09-2003			First Named Inventor	Barin Haskell			Group Art Unit	2613			Examiner Name	Philippe, Gims S.				
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Examiner Name	Philippe, Gims S.																										

<b>FOREIGN PATENT DOCUMENTS</b>							
GP	25.	ZA	9905802	A	04-03-2000	Thomson Multimedia SA	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to EP 0987903 A1)
	26.	JP	2001128179	A	05-11-2001	NEC Corporation	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to US 6611558 B1)
	27.	JP	2002101416	A	04-05-2002	Takenaka	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to US 2002037051 A1)
	28.	AU	1729495	A	08-15-1995	BTG USA Inc.	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to US 5592226 A)
	29.	CA	2182005	A1	08-03-1995	BTG USA Inc.	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to US 5592226 A)
	30.	EP	0741945	A1	11-13-1996	BTG USA Inc.	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to US 5592226 A)
↓	31.	JP	9509024	T	09-09-1997	BTG USA Inc.	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to US 5592226 A)
GP	32.	WO	9520863	A1	08-03-1995	BTG USA Inc.	See Int'l Search Rep. – Form PCT/ISA/210 (Counterpart to

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				Examiner Name	Philippe, Gims S.		
				Attorney Docket Number	APLE.P0057		

<b>FOREIGN PATENT DOCUMENTS</b>							
							US 5592226 A)
GP	33.	JP	11275585	A	10-08-1999	International Business Machines Corp.	See Int'l Search Rep. - Form PCT/ISA/210 (Counterpart to US 6307886 B1)
	34.	SG	74691	A1	08-22-2000	International Business Machines Corp.	See Int'l Search Rep. - Form PCT/ISA/210 (Counterpart to US 6307886 B1)
	35.	JP	2000224590	A	08-11-2000	Mitsubishi Electric Corp.	See Int'l Search Rep. - Form PCT/ISA/210 (Counterpart to EP 1022667 A)
	36.	CN	1255021	A	05-31-2000	Hewlett Packard Co.	See Int'l Search Rep. - Form PCT/ISA/210 (Counterpart to EP 1005229 A)
	37.	JP	2000165889	A	06-16-2000	Hewlett Packard Co.	See Int'l Search Rep. - Form PCT/ISA/210 (Counterpart to EP 1005229 A)
GP	38.	KR	2000035571	A	06-26-2000	Hewlett Packard Co.	See Int'l Search Rep. - Form PCT/ISA/210 (Counterpart to EP 1005229 A)

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<i>(use as many sheets as necessary)</i>				Filing Date	09-09-2003
				First Named Inventor	Barin Haskell
				Group Art Unit	2613
				Examiner Name	Philippe, Gims S.
Sheet	5	of	5	Attorney Docket Number	APLE.P0057

<b>NON PATENT LITERATURE DOCUMENTS</b>						
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GP	39.	RAMKISHOR K., et al., "Adaptation of Video Encoders for Improvement in Quality" <i>Proceedings of the 2003 IEEE International Symposium on Circuits and Systems</i> , May 25, 2003, pages II-693, IEEE, Piscataway, NJ, USA.				
	40.	PEKER K. A., et al., "A Novel Pair-wise Comparison Based Analytical Framework for Automatic Measurement of Intensity of Motion Activity of Video Segments," <i>2001 IEEE International Conference on Multimedia and Expo</i> , August 22, 2001, pages 936-939, IEEE, US.				
↓ GP	41.	INTERNATIONAL BUSINESS MACHINES CORPORATION, "Dynamic-GOP for a MPEG-2 Video Compression," <i>Research Disclosure</i> , April 1, 1999, pages (whole document), vol. 42, no. 420, Kenneth Mason Publications, Hampshire, GB.				
GP	42.	LIU H-C. H., et al., "Scene Decomposition of MPEG Compressed Video," <i>Proceedings of the SPIE</i> , February 7, 1995, pages 26-37, vol. 2419, SPIE, Bellingham, VA, US.				

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# ACKNOWLEDGEMENT RECEIPT

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Title of Invention	Determining the Number of Unidirectional and Bidirectional Motion Compensated Frames to be Encoded for a Video Sequence and Detecting Scene Cuts in the Video Sequence
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Submission Type : Information Disclosure Statement

Application Number:

10/658938



EFS ID: 75767

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Attorney Docket Number: APLE.P0057

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package-data	APLE.P0057-pkda.xml	1803	2005-01-11
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